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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously Presented) A method for transmitting and receiving short message broadcast services in a communication system comprising:  
  
transmitting a broadcast indicator using a common control channel, the broadcast indicator indicating a transmission of a broadcast message on a paging channel or a broadcast channel, wherein the common control channel is a different channel from the paging channel or the broadcast channel;  
  
receiving at the mobile station, the broadcast indicator through the common control channel and checking a status of the broadcast indicator; and  
  
receiving, at the mobile station, the broadcast message through the paging channel or the broadcast channel during a broadcast cycle if the status of the broadcast indicator received through the common control indicates the transmission of the broadcast message on the paging channel or the broadcast channel.
2. (Previously Presented) A method of claim 1, further comprising transmitting, from said base station to the mobile station, an index through the paging channel prior to transmitting the broadcast indicator the common control channel, wherein the index is used to calculate the broadcast cycle.

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3. (Previously Presented) A method of claim 1, wherein the common control channel is a quick paging channel and the broadcast indicator is transmitted through the quick paging channel before transmitting the broadcast message through the paging channel or the broadcast channel.
4. (Previously Presented) A method of claim 3, wherein the broadcast indicator is provided in a reserved region of the quick paging channel.
5. (Previously Presented) A method of claim 4, wherein the quick paging channel further includes a paging indicator and a configuration change indicator, and the broadcast indicator is located between the paging indicator and the configuration change indicator.
6. (Original) A method of claim 3, wherein transmitting the broadcast indicator by at least 2 bits.
7. (Original) A method of claim 3, wherein transmitting the broadcast indicator 100ms prior to transmitting a broadcast message.
8. Canceled.

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9. (Previously Presented) A method of claim 1, further comprising:

setting a field to an expanded system parameter message and transmitting said set field to the mobile station, wherein said set field notifies whether said base station provides a broadcast indicator through the common control channel; and

checking, at the mobile station, the status of the broadcast indicator received through the common control channel, if set said field indicates that said base station provides a broadcast indicator on the common control channel.

10. (Original) A method of claim 9, wherein monitoring, at the mobile station, a first slot of a control channel in every broadcast cycle, if said field indicates that said base station does not provide a broadcast indicator.

11. (Previously Presented) A method of claim 9, wherein transmitting said set field to the mobile station before transmitting a broadcast message to the mobile station.

12. (Original) A method of claim 9, wherein temporarily storing said field in a memory device of the mobile station.

13. Canceled.

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14. (Previously Presented) A method of claim 1, wherein the mobile station enters an idle state if the broadcast indicator of the common control channel indicates non-transmission of a broadcast message through the paging channel or the broadcast channel.

15. (Previously Presented) A method for transmitting and receiving short message broadcast services in a communication system comprising:

setting a field to an expanded system parameter message and transmitting said set field to a mobile station, wherein said field notifies whether a base station provides a broadcast indicator on a quick paging channel;

transmitting the broadcast indicator through the quick paging channel before transmitting a broadcast message on a paging channel or the broadcast channel to notify whether the base station is transmitting a broadcast message to a mobile station;

receiving and checking, at the mobile station, the status of the broadcast indicator on the quick paging channel, if said set field indicates that the base station provides the broadcast indicator on the quick paging channel; and

receiving, at the mobile station, the broadcast message from said base station when the status of the broadcast indicator on the quick paging channel indicates that said base station is transmitting a broadcast message on the paging channel or the broadcast channel, during a broadcast cycle.

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16. (Original) A method of claim 15, wherein inserting and transmitting the broadcast indicator in a reserved region of the quick paging channel by at least 2 bits.

17. (Previously Presented) A method of claim 15, wherein transmitting the broadcast indicator on the quick paging channel 100ms prior to transmitting the broadcast message on the paging channel or the broadcast channel.

18. (Original) A method of claim 15, wherein monitoring, at the mobile station, a first slot of a control channel in every broadcast cycle, if said field indicates that said base station does not provide a broadcast indicator.

19. (Previously Presented) A method of claim 15, wherein the mobile station enters an idle state if the broadcast indicator on the quick paging channel indicates that said base station not is transmitting a broadcast message on the paging channel or the broadcast channel.

20. (Previously Presented) A method for receiving a broadcast message, comprising:  
receiving a broadcast indicator on a first common channel and checking a status of the broadcast indicator on the first common channel; and

receiving a broadcast message on a second common channel from a base station when the status of the broadcast indicator on the first common channel indicates that the base station is transmitting the broadcast message on the second common channel, wherein the

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broadcast message is received through the second common control channel during a broadcast cycle and wherein the first common channel is a quick paging channel and the second common control channel is a paging channel or a broadcast channel.

21. Canceled.

22. (Previously Presented) The method of claim 20, wherein if the status of the broadcast indicator or the quick paging channel indicates that no broadcast message is transmitted, then the paging or broadcast channel is not monitored for the broadcast message.

23. (Previously Presented) The method of claim 20, further comprising:  
receiving an extended system parameters message containing a broadcast indicator supported field; and  
checking the status of the broadcast indicator if the broadcast indicator supported field indicates that the base station has provided a broadcast indicator.

24. (Previously Presented) The method of claim 23, wherein a first slot of the paging channel or the broadcast channel is continuously monitored if the base station does not provide a broadcast indicator on the quick paging channel.

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25. (Previously Presented) The method of claim 20, wherein the base station provides the broadcast message indicator on the quick paging channel 100ms prior to sending the broadcast message on the paging or broadcast channel.

26. Canceled.

27. Canceled.

28. Canceled.

29. Canceled.

30. Canceled.

31. (Previously Presented) An information slot in a quick paging channel (QPCH), comprising:

a plurality of paging indicators in the QPCH to indicate that a mobile station operating in an idle state should monitor at least one of a Paging Channel or a Forward Common Control Channel starting in a next slot;

a broadcast indicator in the QPCH to indicate whether a broadcast message is present on at least one of the paging channel or the Forward Common Control Channel; and

a configuration change indicator in the QPCH to indicate that the mobile station operating in the idle state that, after performing an idle handoff, it should monitor at least one of the Paging Channel, the Forward Common Control Channel, or a Broadcast Control Channel to determine if the mobile station should update stored parameters wherein the broadcast indicator

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precedes the configuration change indicator in the information slot, and wherein the information slot is sent from a base station to a subscriber unit to indicate whether the base station is transmitting a broadcast message.

32. Canceled.

33. (Previously Presented) The information slot of claim 31, wherein each of the broadcast indicator and the configuration change indicator has a length of 2 bits when a data rate is 4800bps.

34. (Previously Presented) The information slot of claim 31, wherein each of the broadcast indicator and the configuration change indicator has a length of 4 bits when a data rate is 9600bps.

35. Canceled.

36. (Previously Presented) The information slot of claim 35, wherein the base station is indicated to have sent a broadcast message when the broadcast indicator is set to 1.

37. Canceled.

38. Canceled.



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- 39. Canceled.
- 40. Canceled.
- 41. Canceled.
- 42. Canceled.
- 43. Canceled.
- 44. Canceled.
- 45. Canceled.
- 46. Canceled.
- 47. Canceled.
- 48. Canceled.

49. (Previously Presented) A method comprising monitoring broadcast indicators on a Quick Paging Channel if an indicator is equal to "1", wherein the indicator indicates that a broadcast indicator is supported in the Quick Paging Channel; and the indicator is in a QPCH\_BI\_SUPPORTED field in an extended system parameter message; and

wherein said monitoring broadcast indicators is monitoring slots of the Quick Paging Channel and said monitoring broadcast indicators on the Quick Paging Channel is performed only if BCAST\_INDEX is not equal to "000", and

wherein broadcast slots of the Quick Paging Channel are offset from common control channel slots by 100 ms.

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50. Canceled.

51. Canceled.

52. Canceled.

53. Canceled.

54. (Previously Presented) The method of claim 49, wherein BCAST\_INDEX is a broadcast slot cycle index.

55. Canceled.

56. Canceled.

57. (Previously Presented) A method for sending a broadcast message comprising:

setting at least one broadcast indicator in a Quick Paging Channel, wherein the broadcast indicator indicates existence of the broadcast message on a common control channel;

transmitting said at least one broadcast indicator from the base station;

setting a first information in an overhead message before transmitting the broadcast indicator, wherein the first information indicates a broadcast slot cycle index of transmitting the broadcast message;

setting a second information in the overhead message, wherein the second information indicates whether or not the broadcast indicator is supported in the quick paging channel; and

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transmitting the overhead message through the common control channel.

58. Canceled.

59. (Previously Presented) The method of claim 57, wherein the broadcast cycle index is 3 bits.

60. (Previously Presented) The method of claim 57, wherein the overhead message is an extended system parameter message.

61. (Previously Presented) The method of claim 57, wherein the first information is a broadcast slot cycle index field `BCAST_INDEX` and the second information is `QPCH_BI_SUPPORTED`.

62. (Previously Presented) The method of claim 61, wherein the broadcast slot cycle index field `BCAST_INDEX` is  $i$ ,  $1 \leq i \leq 7$ .

63. (Previously Presented) The method of claim 57, wherein the common control channel is a paging channel or a broadcast channel.

64. Canceled.

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65. (Previously Presented) The method of claim 57, comprising transmitting the broadcast message in the common control channel at a predetermined amount of time after said transmitting said at least one broadcast indicator.

66. (Previously Presented) The method of claim 65, wherein the predetermined amount of time is 100ms.

67. Canceled.

68. Canceled.

69. Canceled.

70. Canceled.

71. (Previously Presented) A method comprising:

receiving a broadcast indicator on a quick paging channel (QPCH);

if the broadcast indicator indicates existence of a broadcast message, then monitoring a common control channel for reception of the broadcast message, wherein the common control channel is a paging channel or a broadcast channel;

receiving an overhead message through a common channel before receiving the broadcast indicator on the QPCH; and

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obtaining a first information and a second information in an overhead message, wherein the first information indicates a broadcast slot cycle index of transmitting the broadcast message and the second information indicates whether or not the at least one broadcast indicator is supported in the quick paging channel.

72. Canceled.

73. Canceled.

74. (Previously Presented) The method of claim 71, wherein the method is implemented in a mobile station.

75. (Previously Presented) The method of claim 74, wherein the method is implemented only if the mobile station supports monitoring the broadcast indicator in the quick paging channel.

76. Canceled.

77. (Previously Presented) The method of claim 71, wherein the overhead message is an extended system parameter message.

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78. (Previously Presented) The method of claim 76, wherein the first information is a broadcast slot cycle index field BCAST\_INDEX and the second information is a QPCH\_BI\_SUPPORTED.

79. (Previously Presented) The method of claim 78, wherein the broadcast slot cycle index field BCAST\_INDEX is 3 bits.

80. (Previously Presented) The method of claim 79, wherein the 3 bits represent a number ranging from 1 to 7.

81. Canceled.

82. Canceled.